

ABSTRACT

A small size, light weight heat control device feasible for ^{thermal}

~~no work
heat~~ A an artificial satellite or a spacecraft is disclosed. The heat

control device uses an optical property particular to a substance
itself in place of a mechanical principle applied to a conventional
thermal louver. In addition, the device of the present invention is
highly reliable and long life because it needs no movable portions
which would bring about wear, fatigue and other problems.